AMENDMENTS TO THE SPECIFICATION:

Please amend the following paragraph on page 2, lines 6-19 as follows:

For example, U.S. ~~Patents~~ Patent No. 5,833,048 and Japanese Patent No. 2,715,778 (Japanese Laid-Open Patent Publication No. Hei 5-074459) have proposed lithium secondary batteries where an organosulfur compound having a disulfide bond is used as an electrode material. Such an organosulfur compound is most simply represented by: $M^+-^-S\text{-}R\text{-}S^-\text{-}M^+$. Herein, R represents an aliphatic group or an aromatic group, S represents sulfur, and M^+ represents a proton or a metal cation. The above compounds are bonded to each other via the S-S bond through an electrochemical oxidative reaction to give a polymer with a structure of $M^+-^-S\text{-}R\text{-}S\text{-}S\text{-}R\text{-}S\text{-}S\text{-}R\text{-}S^-\text{-}M^+$. The polymer thus produced returns to the original monomers through an electrochemical reduction reaction. In lithium secondary batteries, this reaction is applied to the charging/discharging reaction in secondary batteries.